

ABSTRACT

To offer a mass airflow measuring apparatus in which the effect of the adhesion onto the heating resistor caused while the engine is off is reduced and the measuring accuracy is improved. The apparatus measures the mass airflow of the air sucked into the internal combustion engine, using the heating resistor 1. The power control circuit 4 maintains the heating resistor 1 temperature equal to or higher than the temperature during the operation of the internal combustion engine after the internal combustion engine has stopped and until the temperature of the internal combustion engine and its apparatuses installed in the suction system has lowered below the generation temperature of volatile gas such as oil vapor. The power control circuit 4, using the temperature sensing resistor 2 that detects the temperature of the air sucked into the combustion engine, detects the air temperature and maintains the heating resistor 1 temperature, based on the temperature measured, equal to or higher than the temperature during the operation of the internal combustion engine even after the internal combustion engine has stopped.